REMARKS

Claims 1-20 are pending in this application, of which claims 5, 7, 12 and 14 are under objection because of the rejection of claims 1-4, 6, 8-11, 13 and 15-20 under 35 U.S.C. §102(e), but would be allowable if rewritten in independent form.

In this Amendment, claims 1, 8 and 15 have been amended to include the limitation "maintaining said signal setting said processor to the wait state until said coprocessor completes to execute the coprocessor instruction." Adequate descriptive support for this amendment can be found in, for example, Fig. 4 and relevant description of the specification. Care has been exercised to avoid the introduction of new matter.

Claims 1-4, 6, 8-11, 13 and 15-20 have been rejected under 35 U.S.C. §102(e) as being anticipated by Freerksen et al.

According to the November 15, 2004 Advisory Action, the Examiner maintained his position on the rejection of claims 1-4, 6, 8-11, 13 and 15-20, asserting that Freerksen et al. identically discloses the claimed invention.

In response, Applicant submits that Freerksen et al. does not disclose a synchronous signal producing circuit, a processor system and a method of producing a synchronous signal including the limitation of "maintaining said signal setting said processor to the wait state until said coprocessor completes to execute the coprocessor instruction," recited in independent claims 1, 8 and 15, as amended.

Freerksen et al. does not disclose the above limitation because Freerksen's apparatus simply broadcasts a signal ("retry transaction") every time a processor accesses particular data in a shared

memory (see column 8, lines 3-26). Freerksen's apparatus does not maintain such a signal until the processor completes access to particular data in a shared memory.

Accordingly, there is a fundamental difference between the claimed invention and Freerksen et al. Therefore, Freerksen et al. does not identically disclose a synchronous signal producing circuit, a processor system and a method of producing a synchronous signal including all the limitations recited in claims 1, 8 and 15, as amended, within the meaning of 35 U.S.C. §102.

It is also noted that a dependent claim is not anticipated if the independent claim upon which it depends is allowable because all the limitations of the independent claim are contained in the dependent claim. Therefore, claims 2-4, 6, 9-11, 13 and 16-20 are patentable because they respectively include all the limitations of independent claims 1, 8 and 15. The Examiner's additional comments with respect to those claims do not cure the argued fundamental deficiencies of Freerksen et al.

Therefore, Applicant respectfully solicits withdrawal of the rejection of claims 1-4, 6, 8-11, 13 and 15-20 under 35 U.S.C. §102(e) and favorable consideration thereof.

Conclusion.

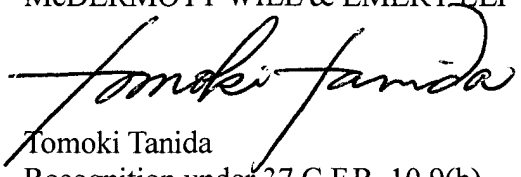
Accordingly, it is urged that the application is in condition for allowance, an indication of which is respectfully solicited. If there are any outstanding issues that might be resolved by an interview or an Examiner's amendment, Examiner is requested to call Applicants' attorney at the telephone number shown below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including

extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Tomoki Tanida
Recognition under 37 C.F.R. 10.9(b)

600 13th Street, N.W.
Washington, DC 20005-3096
Phone: 202.756.8000 SAB:TT/lnm
Facsimile: 202.756.8087
Date: January 11, 2005

Please recognize our Customer No. 20277 as our correspondence address.

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